IN THE CLAIMS:

Please amend claims 8-14 as follows. Please add new claims 15-21 as follows.

Claims 1-7 (Canceled)

8. (Currently Amended) A method ~~for communication network performance analysis~~ comprising: ~~the steps of~~

~~a)~~ acquiring and storing information related to

~~a1)~~ service requests issued by terminals attached to ~~said~~ a network,

~~a2)~~ positions of said requesting terminals, and

~~a3)~~ establishment of the requested service for said terminals;[[,]]

matching, based on the position information, said information to a grid of unit areas, the grid of unit areas representing a geographical region in which said network is operated;[[,]]

processing said information per unit area;[[,]] and

outputting said processed information,

wherein said information related to the establishment of the service comprises at least a success indication indicating that said service was successfully established or not and at least one service attribute, and

wherein said processing comprises ~~a step of~~ logically combining said service request information and said success information.

9. (Currently Amended) [[A]] The method according to claim 8, further comprising: ~~the step of~~

~~g)~~ modifying communication network operating parameters based on said outputted processed information.

10. (Currently Amended) [[A]] The method according to claim 8, wherein said processing comprises ~~a further step of~~ summing said at least one service attribute parameter.

11. (Currently Amended) [[A]] The method according to claim 8, wherein said processing comprises: ~~the further steps of~~

sorting said stored information according to said at least one service attribute, thereby obtaining a plurality of information sets, each being representative of an individual service distinguishable by said at least one service attribute;[[,]] and

selecting one of said information sets according to the service attribute for being output.

12. (Currently Amended) [[A]] The method according to claim 8, wherein said acquired information is stored for a predetermined time.

13. (Currently Amended) [[A]] The method according to claim 8, wherein said processing comprises ~~a step of~~ filtering said stored information using a selectable time window.

14. (Currently Amended) [[A]] The method according to claim 10, wherein said summed at least one service attribute parameter is divided by the time period defined by said selected time window.

15. (New) An apparatus comprising:

an acquiring unit configured to acquire and store information related to

service requests issued by terminals attached to a network,

positions of said requesting terminals, and

establishment of the requested service for said terminals;

a matching unit configured to match, based on the position information, said information to a grid of unit areas, the grid of unit areas representing a geographical region in which said network is operated;

a processor configured to process said information per unit area; and

an outputting unit configured to output said processed information,

wherein said information related to the establishment of the service comprises at least a success indication indicating that said service was successfully established or not and at least one service attribute, and

wherein said processor is further configured to logically combine said service request information and said success information.

16. (New) The apparatus according to claim 15, wherein said processor is further configured to sum said at least one service attribute parameter.

17. (New) The apparatus according to claim 15, wherein said processor is further configured to:

sort said stored information according to said at least one service attribute, thereby obtaining a plurality of information sets, each being representative of an individual service distinguishable by said at least one service attribute; and

select one of said information sets, according to the service attribute, to be output.

18. (New) The apparatus according to claim 15, wherein said acquired information is stored for a predetermined time.

19. (New) The apparatus according to claim 15, wherein said processor is further configured to filter said stored information using a selectable time window.

20. (New) The apparatus according to claim 16, wherein said summed at least one service attribute parameter is divided by the time period defined by said selected time window.

21. (New) A computer program, embodied on a machine-readable medium, the computer program configured to control a processor to perform a method comprising:

acquiring and storing information related to

service requests issued by terminals attached to a network,

positions of said requesting terminals, and

establishment of the requested service for said terminals;

matching, based on the position information, said information to a grid of unit areas, the grid of unit areas representing a geographical region in which said network is operated;

processing said information per unit area; and

outputting said processed information,

wherein said information related to the establishment of the service comprises at least a success indication indicating that said service was successfully established or not and at least one service attribute, and

wherein said processing comprises logically combining said service request information and said success information.